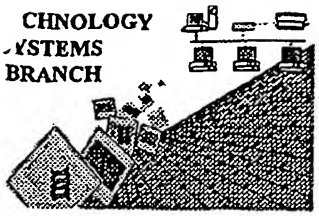
B CHNOLOGY
YSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/618,126
Source: OIPE
Date Processed by STIC: 7/28/2003

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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Revised 04/24/2003

OIPE

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

3 <110> APPLICANT: Bayer Pharmaceuticals Corporation
4 FROLAND, Wayne
5 KELNER, Drew
6 DUMAS, Michael
7 PAN, Clark
8 WHELAN, James
9 WANG, John
10 WANG, Wei

12 <120> TITLE OF INVENTION: PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP) RECEPTOR 3
13 (VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE
15 <130> FILE REFERENCE: MSB-7295
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/618,126
C--> 17 <141> CURRENT FILING DATE: 2003-07-11
17 <150> PRIOR APPLICATION NUMBER: US 60/395,738
18 <151> PRIOR FILING DATE: 2002-07-12
20 <160> NUMBER OF SEQ ID NOS: 264
22 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed
pp 1-7

39 <210> SEQ ID NO: 2
40 <211> LENGTH: 31
41 <212> TYPE: PRT
42 <213> ORGANISM: Homo sapiens
45 <220> FEATURE:
46 <221> NAME/KEY: MISC_FEATURE
47 <222> LOCATION: (1)..(31)
48 <223> OTHER INFORMATION: Ac is acetyl
50 <400> SEQUENCE: 2
E--> 52 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 53 1 5 10 15
56 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr
57 20 25 30
615 <210> SEQ ID NO: 40
616 <211> LENGTH: 31
617 <212> TYPE: PRT
618 <213> ORGANISM: Homo sapiens
621 <220> FEATURE:
622 <221> NAME/KEY: MISC_FEATURE
623 <222> LOCATION: (1)..(31)
624 <223> OTHER INFORMATION: Ac is acetyl
626 <400> SEQUENCE: 40

delete this - do not show these in the sequence.

Please explain modification in <2207-<2237 section without including "Ac-"

p.2

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

E--> 628 Ac-His Thr Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
E--> 629 1 5 10 15
632 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr
633 20 25 30
1191 <210> SEQ ID NO: 78
1192 <211> LENGTH: 31
1193 <212> TYPE: PRT
1194 <213> ORGANISM: Homo sapiens
1197 <220> FEATURE:
1198 <221> NAME/KEY: MISC_FEATURE
1199 <222> LOCATION: (1)..(31)
1200 <223> OTHER INFORMATION: Ac is acetyl
1202 <400> SEQUENCE: 78
E--> 1204 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 1205 1 5 10 15
1208 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Asn Lys Arg Tyr
1209 20 25 30
1752 <210> SEQ ID NO: 115
1753 <211> LENGTH: 32
1754 <212> TYPE: PRT
1755 <213> ORGANISM: Homo sapiens
1758 <220> FEATURE:
1759 <221> NAME/KEY: MISC_FEATURE
1760 <222> LOCATION: (1)..(32)
1761 <223> OTHER INFORMATION: PEG is polyethylene glycol
1763 <400> SEQUENCE: 115
1765 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1766 1 5 10 15
E--> 1769 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1770 20 25 30
1773 <210> SEQ ID NO: 116
1774 <211> LENGTH: 32
1775 <212> TYPE: PRT
1776 <213> ORGANISM: Homo sapiens
1779 <220> FEATURE:
1780 <221> NAME/KEY: MISC_FEATURE
1781 <222> LOCATION: (1)..(32)
1782 <223> OTHER INFORMATION: Ac is acetyl; PEG is polyethylene glycol
1784 <400> SEQUENCE: 116
E--> 1786 Ac-His Thr Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
E--> 1787 1 5 10 15
E--> 1790 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1791 20 25 30
1794 <210> SEQ ID NO: 117
1795 <211> LENGTH: 32
1796 <212> TYPE: PRT
1797 <213> ORGANISM: Homo sapiens
1800 <220> FEATURE:
1801 <221> NAME/KEY: MISC_FEATURE

same type of error

p.3

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

1802 <222> LOCATION: (1)..(32)
1803 <223> OTHER INFORMATION: PEG is polyethylene glycol
1805 <400> SEQUENCE: 117
1807 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1808 1 5 10 15
E--> 1811 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1812 20 25 30
1815 <210> SEQ ID NO: 118
1816 <211> LENGTH: 30
1817 <212> TYPE: PRT
1818 <213> ORGANISM: Homo sapiens
1821 <220> FEATURE:
1822 <221> NAME/KEY: MISC_FEATURE
1823 <222> LOCATION: (1)..(30)
1824 <223> OTHER INFORMATION: PEG is polyethylene glycol
1826 <400> SEQUENCE: 118
1828 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1829 1 5 10 15
E--> 1832 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Cys-PEG
1833 20 25 30
1836 <210> SEQ ID NO: 119
1837 <211> LENGTH: 32
1838 <212> TYPE: PRT
1839 <213> ORGANISM: Homo sapiens
1842 <220> FEATURE:
1843 <221> NAME/KEY: MISC_FEATURE
1844 <222> LOCATION: (1)..(32)
1845 <223> OTHER INFORMATION: PEG is polyethylene glycol
1847 <400> SEQUENCE: 119
1849 His Thr Glu Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1850 1 5 10 15
E--> 1853 Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1854 20 25 30
1857 <210> SEQ ID NO: 120
1858 <211> LENGTH: 32
1859 <212> TYPE: PRT
1860 <213> ORGANISM: Homo sapiens
1863 <220> FEATURE:
1864 <221> NAME/KEY: MISC_FEATURE
1865 <222> LOCATION: (1)..(32)
1866 <223> OTHER INFORMATION: PEG is polyethylene glycol
1868 <400> SEQUENCE: 120
1870 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1871 1 5 10 15
E--> 1874 Leu Ala Val Lys Lys Tyr Leu Gln Asp Ile Lys Gln Gly Gly Thr Cys-PEG
1875 20 25 30
1878 <210> SEQ ID NO: 121
1879 <211> LENGTH: 31
1880 <212> TYPE: PRT

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RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

1881 <213> ORGANISM: Homo sapiens
1884 <220> FEATURE:
1885 <221> NAME/KEY: MISC_FEATURE
1886 <222> LOCATION: (1)..(31)
1887 <223> OTHER INFORMATION: PEG is polyethylene glycol
1889 <400> SEQUENCE: 121
1891 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1892 1 5 10 15
E--> 1895 **Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG**
1896 20 25 30
1899 <210> SEQ ID NO: 122
1900 <211> LENGTH: 32
1901 <212> TYPE: PRT
1902 <213> ORGANISM: Homo sapiens
1905 <220> FEATURE:
1906 <221> NAME/KEY: MISC_FEATURE
1907 <222> LOCATION: (1)..(32)
1908 <223> OTHER INFORMATION: PEG is polyethylene glycol
1910 <400> SEQUENCE: 122
1912 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1913 1 5 10 15
E--> 1916 **Leu Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr Cys-PEG**
1917 20 25 30
1920 <210> SEQ ID NO: 123
1921 <211> LENGTH: 32
1922 <212> TYPE: PRT
1923 <213> ORGANISM: Homo sapiens
1926 <220> FEATURE:
1927 <221> NAME/KEY: MISC_FEATURE
1928 <222> LOCATION: (1)..(32)
1929 <223> OTHER INFORMATION: PEG is polyethylene glycol
1931 <400> SEQUENCE: 123
1933 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1934 1 5 10 15
E--> 1937 **Met Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr Cys-PEG**
1938 20 25 30
1941 <210> SEQ ID NO: 124
1942 <211> LENGTH: 32
1943 <212> TYPE: PRT
1944 <213> ORGANISM: Homo sapiens
1947 <220> FEATURE:
1948 <221> NAME/KEY: MISC_FEATURE
1949 <222> LOCATION: (1)..(32)
1950 <223> OTHER INFORMATION: PEG is polyethylene glycol
1952 <400> SEQUENCE: 124
1954 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1955 1 5 10 15
E--> 1958 **Met Ala Ala His Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG**
1959 20 25 30

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

1962 <210> SEQ ID NO: 125
1963 <211> LENGTH: 32
1964 <212> TYPE: PRT
1965 <213> ORGANISM: Homo sapiens
1968 <220> FEATURE:
1969 <221> NAME/KEY: MISC_FEATURE
1970 <222> LOCATION: (1)..(32)
1971 <223> OTHER INFORMATION: PEG is polyethylene glycol
1973 <400> SEQUENCE: 125
1975 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1976 1 5 10 15
E--> 1979 Met Ala Ala Lys His Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys-PEG
1980 20 25 30
1983 <210> SEQ ID NO: 126
1984 <211> LENGTH: 31
1985 <212> TYPE: PRT
1986 <213> ORGANISM: Homo sapiens
1989 <220> FEATURE:
1990 <221> NAME/KEY: MISC_FEATURE
1991 <222> LOCATION: (1)..(31)
1992 <223> OTHER INFORMATION: PEG is polyethylene glycol
1994 <400> SEQUENCE: 126
1996 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1997 1 5 10 15
E--> 2000 Met Ala Gly Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2001 20 25 30
2004 <210> SEQ ID NO: 127
2005 <211> LENGTH: 31
2006 <212> TYPE: PRT
2007 <213> ORGANISM: Homo sapiens
2010 <220> FEATURE:
2011 <221> NAME/KEY: MISC_FEATURE
2012 <222> LOCATION: (1)..(31)
2013 <223> OTHER INFORMATION: PEG is polyethylene glycol
2015 <400> SEQUENCE: 127
2017 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2018 1 5 10 15
E--> 2021 Met Ala Lys Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2022 20 25 30
2025 <210> SEQ ID NO: 128
2026 <211> LENGTH: 31
2027 <212> TYPE: PRT
2028 <213> ORGANISM: Homo sapiens
2031 <220> FEATURE:
2032 <221> NAME/KEY: MISC_FEATURE
2033 <222> LOCATION: (1)..(31)
2034 <223> OTHER INFORMATION: PEG is polyethylene glycol
2036 <400> SEQUENCE: 128
2038 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln

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RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

2039 1 5 10 15
E--> 2042 Met Ala Arg Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2043 20 25 30
2046 <210> SEQ ID NO: 129
2047 <211> LENGTH: 31
2048 <212> TYPE: PRT
2049 <213> ORGANISM: Homo sapiens
2052 <220> FEATURE:
2053 <221> NAME/KEY: MISC_FEATURE
2054 <222> LOCATION: (1)..(31)
2055 <223> OTHER INFORMATION: PEG is polyethylene glycol
2057 <400> SEQUENCE: 129
2059 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2060 1 5 10 15
E--> 2063 Met Ala Ser Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Cys-PEG
2064 20 25 30
2067 <210> SEQ ID NO: 130
2068 <211> LENGTH: 31
2069 <212> TYPE: PRT
2070 <213> ORGANISM: Homo sapiens
2073 <220> FEATURE:
2074 <221> NAME/KEY: MISC_FEATURE
2075 <222> LOCATION: (1)..(31)
2076 <223> OTHER INFORMATION: PEG is polyethylene glycol
2078 <400> SEQUENCE: 130
2080 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2081 1 5 10 15
E--> 2084 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Pro Gln Lys Arg Cys-PEG
2085 20 25 30
2088 <210> SEQ ID NO: 131
2089 <211> LENGTH: 31
2090 <212> TYPE: PRT
2091 <213> ORGANISM: Homo sapiens
2094 <220> FEATURE:
2095 <221> NAME/KEY: MISC_FEATURE
2096 <222> LOCATION: (1)..(31)
2097 <223> OTHER INFORMATION: PEG is polyethylene glycol
2099 <400> SEQUENCE: 131
2101 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2102 1 5 10 15
E--> 2105 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Gln Gln Lys Arg Cys-PEG
2106 20 25 30
2109 <210> SEQ ID NO: 132
2110 <211> LENGTH: 31
2111 <212> TYPE: PRT
2112 <213> ORGANISM: Homo sapiens
2115 <220> FEATURE:
2116 <221> NAME/KEY: MISC_FEATURE
2117 <222> LOCATION: (1)..(31)

RAW SEQUENCE LISTING DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:19

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

2118 <223> OTHER INFORMATION: PEG is polyethylene glycol
2120 <400> SEQUENCE: 132
2122 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2123 1 5 10 15
E--> 2126 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Arg Gln Lys Arg Cys-PEG
2127 20 25 30
2130 <210> SEQ ID NO: 133
2131 <211> LENGTH: 31
2132 <212> TYPE: PRT
2133 <213> ORGANISM: Homo sapiens
2136 <220> FEATURE:
2137 <221> NAME/KEY: MISC_FEATURE
2138 <222> LOCATION: (1)..(31)
2139 <223> OTHER INFORMATION: PEG is polyethylene glycol
2141 <400> SEQUENCE: 133
2143 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2144 1 5 10 15
E--> 2147 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Arg Arg Cys-PEG
2148 20 25 30
2151 <210> SEQ ID NO: 134
2152 <211> LENGTH: 31
2153 <212> TYPE: PRT
2154 <213> ORGANISM: Homo sapiens
2157 <220> FEATURE:
2158 <221> NAME/KEY: MISC_FEATURE
2159 <222> LOCATION: (1)..(31)
2160 <223> OTHER INFORMATION: PEG is polyethylene glycol
2162 <400> SEQUENCE: 134
2164 His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
2165 1 5 10 15
E--> 2168 Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Ala Cys-PEG
2169 20 25 30

VERIFICATION SUMMARY DATE: 07/28/2003
PATENT APPLICATION: **US/10/618,126** TIME: 13:36:20

Input Set : **A:\MSB-7295.ST25.txt**
Output Set: **N:\CRF4\07282003\J618126.raw**

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:52 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:52 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:53 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
L:628 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:628 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:629 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:40
L:1204 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1204 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:1205 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:78
L:1769 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1786 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1786 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:1787 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:116
L:1790 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1811 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1832 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1853 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1874 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1895 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1916 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1937 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1958 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1979 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2000 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2021 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2042 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2063 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2084 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2105 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2126 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2147 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2168 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2189 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2210 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2231 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2252 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2273 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2294 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2315 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2336 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2357 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2378 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2399 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2420 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2441 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2462 M:333 E: Wrong sequence grouping, Amino acids not in groups!

VERIFICATION SUMMARY DATE: 07/28/2003
PATENT APPLICATION: US/10/618,126 TIME: 13:36:20

Input Set : A:\MSB-7295.ST25.txt
Output Set: N:\CRF4\07282003\J618126.raw

L:2483 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2504 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2525 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:2546 M:333 E: Wrong sequence grouping, Amino acids not in groups!